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|--|--|--|-------------------------------|
| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO.<br>826.1526D         | APPLICATION NO.<br>Unassigned |
| LIST OF REFERENCES CITED BY APPLICANT<br><br>(Use several sheets if necessary) |  | FIRST NAMED INVENTOR<br>Yutaka KATSUYAMA |                               |
|  |  | FILING DATE<br>September 22, 2003        | GROUP ART UNIT<br>Unassigned  |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE    | NAME             | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|---------------------|----|-----------------|---------|------------------|-------|---------------|----------------|
| LS                  | AA | 4,958,217       | 9/1990  | Kimural et al.   | 358   | 538           |                |
| LS                  | AB | 5,647,021       | 7/1997  | Baird et al.     | 382   | 176           |                |
| LS                  | AB | 5,767,978       | 6/1998  | Revankar et al.  | 358   | 296           |                |
| LS                  | AC | 5,982,919       | 11/1999 | Maruo            | 382   | 141           |                |
| LS                  | AD | 6,115,498       | 9/2000  | Tachikawa et al. | 382   | 200           |                |
|                     | AF |                 |         |                  |       |               |                |

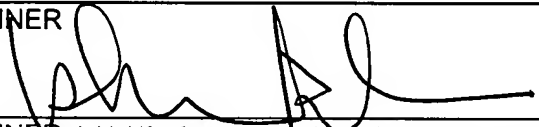
## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT<br>NO. | DATE       | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|----|----|-----------------|------------|---------|-------|---------------|-----------------------|
| LS | AG | 5-298443        | 11-12-93   | Japan   | G06F  | 1770          | abst.                 |
| LS | AH | WO96/23278      | 01/08/1996 | PCT     | G06T  | 7/00          | abst.                 |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   | TRANSLATION<br>YES NO |
|----|----|---|-----------------------|
| LS | AI | S. Shuji, et al., "A Method of Extraction of Character Patterns from a Color Image Based on the Uniformity of the Character Color of a String", <i>Technical Report of IEICE</i> , pgs. 17 - 24 | ✓                     |
| LS | AJ | K. Matsuo, et al., "Extraction of Character Region from Color Document Images", <i>The Institute of Electronics</i> , D-12-19, 1997   | ✓                     |
| LS | AK | K. Matsuo, et al., "Extraction of Characters String from Scene Image by Grayscale and Color Information", <i>Technical Report of IEICE</i> , January 1993                                       | ✓                     |
| LS | AL | A. Ueba, et al., "The Extraction of Character Images from Color Images based on Processing of Color Contour Line", <i>Technical Report of IEICE</i> , September 1994                            | ✓                     |
| LS | AM | Rafael C. Gonzalez, Paul Wintz, Digital Image Processing, 1987, pages 368-373, Addison-Wesley Publishing Company  | ✓                     |
| LS | AN | Dr. Kansei Iwata, Dr. Gabriel Marcu, A Color Classification Algorithm, 1993, pages 726-729, Graphic Computer Corporation  | ✓                     |

|    |    |   |   |  |
|----|----|---|---|--|
| 15 | AO | Korean Patent Office, Korean Office Action, September 28, 2002, pages 1-2, (with partial translation)   | ✓ |  |
| 15 | AP | Moghaddamzadeh A. et al., A Fuzzy Region Growing Approach For Segmentation of Color Images, June 1, 1997, pages 867-881.  | ✓ |  |
| 15 | AQ | Song Chun Zhu, et al., Region Competition: Unifying Snakes, Region Growing, and Bayes/MDL for Multiband Image Segmentation, September 1996, pages 884-900.                | ✓ |  |
| 15 | AR | M. Kapfer, et al., Detection of Human Faces in color Image Sequences With Arbitrary Motions For Very Low Bit-Rate Videophone Coding, September 24, 1997, pages 1503-1518. | ✓ |  |
| 15 | AS | Nagarajan Prabhakaran, et al., Neural Network Based Auto Tag Identification System, October 12, 1997, pages 3582-3584.  | ✓ |  |
| 15 | AT | Klette, R., Hand Book of Image Processing Operators, 1996, pages 258-261.   | ✓ |  |
| 15 | AU | N.H. Kroupnova, Method for Multi-spectral Images Segmentation Based On The Shape Of The Color Clusters, October 1996, pages 444-453.                                      | ✓ |  |
| 15 | AV | R.C., Gonzalex, Digitl Image Processing, 1992, pages 458-461  | ✓ |  |

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| EXAMINER<br>  | DATE CONSIDERED<br>5/13/05 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

## ATTACHMENT 1(f)

|                                       |                      |                 |
|---------------------------------------|----------------------|-----------------|
| <b>LIST OF COPENDING APPLICATIONS</b> | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|                                       | 826.1526D            | Unassigned      |
|                                       | FIRST NAMED INVENTOR |                 |
|                                       | Yutaka KATSUYAMA     |                 |
|                                       | FILING DATE          | GROUP ART UNIT  |
|                                       | September 22, 2003   | Unassigned      |

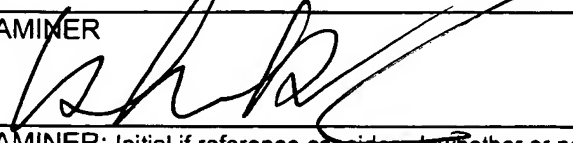
The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

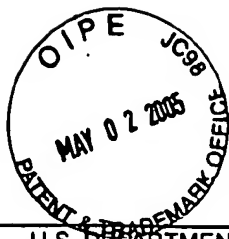
It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## U.S. PATENT APPLICATION DOCUMENTS

| EXAMINER<br>INITIAL |   | U.S. SERIAL NO. | FILING DATE      | NAME             | ASSIGNEE        |
|---------------------|---|-----------------|------------------|------------------|-----------------|
| <i>LS</i>           | 1 | 09/228,427      | January 12, 1999 | Yutaka KATSUYAMA | Fujitsu Limited |
|                     | 2 |                 |                  |                  |                 |
|                     | 3 |                 |                  |                  |                 |
|                     | 4 |                 |                  |                  |                 |
|                     | 5 |                 |                  |                  |                 |
|                     | 6 |                 |                  |                  |                 |
|                     | 7 |                 |                  |                  |                 |
|                     | 8 |                 |                  |                  |                 |

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| EXAMINER<br>  | DATE CONSIDERED<br>5/13/05 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |



Sheet 1 of 1

|   |                      |                 |
|---|----------------------|-----------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|   | 826.1526D            | 10/664,959      |
|   | FIRST NAMED INVENTOR |                 |
|   | Yutaka KATSUYAMA     |                 |
|   | FILING DATE          | GROUP ART UNIT  |
|   | September 22, 2003   | 2621            |

## U.S. PATENT DOCUMENTS

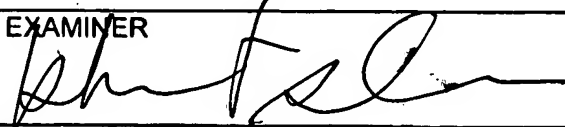
| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
|                      | AA |                 |      |      |       |               |                |
|                      | AB |                 |      |      |       |               |                |
|                      | AC |                 |      |      |       |               |                |
|                      | AD |                 |      |      |       |               |                |
|                      | AE |                 |      |      |       |               |                |
|                      | AF |                 |      |      |       |               |                |

## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT<br>NO. | DATE   | COUNTRY | TRANSLATION<br>YES NO |  | ABSTRACT |
|----|----|-----------------|--------|---------|-----------------------|--|----------|
| 15 | AG | 0 730 248       | 9/1996 | Europe  | ✓                     |  |          |
|    | AH |                 |        |         |                       |  |          |
|    | AI |                 |        |         |                       |  |          |
|    | AJ |                 |        |         |                       |  |          |
|    | AK |                 |        |         |                       |  |          |
|    | AL |                 |        |         |                       |  |          |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |  |  | TRANSLATION<br>YES NO |   |
|----|----|---|--|--|-----------------------|---|
| 15 | AM | WAHL, F.M., "Digitale Bildsignalverarbeitung", Springer-Verlag, Berlin, 1984, pp. 129-133 |  |  |                       | X |

|   |                            |
|---|----------------------------|
| EXAMINER<br>   | DATE CONSIDERED<br>5/13/05 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |



## ATTACHMENT 1(g)

|   |                      |                 |
|---|----------------------|-----------------|
| <b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b> | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|   | 826.1526D            | 10/664,959      |
|   | FIRST NAMED INVENTOR |                 |
|   | Yutaka KATSUYAMA     |                 |
|   | FILING DATE          | GROUP ART UNIT  |
|   | September 22, 2003   | 2621            |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## U.S. PATENT DOCUMENTS

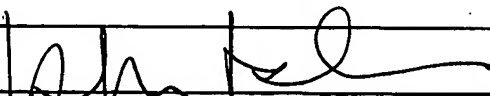
| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
|                      | AA |                 |      |      |       |               |                |
|                      | AB |                 |      |      |       |               |                |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NO. | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|---------------|-------------|----|
|  |    |                 |      |         |       |               | YES         | NO |
|  | AC |                 |      |         |       |               |             |    |
|  | AD |                 |      |         |       |               |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |  |  |  |  | TRANSLATION |    |
|----|----|---|--|--|--|--|-------------|----|
|    |    |   |  |  |  |  | YES         | NO |
| 15 | AE | Copy of European Search report for corresponding application no. 99 300 472.0 dated March 30, 2005. |  |  |  |  |             |    |

|  |   |                 |         |
|--|---|-----------------|---------|
| EXAMINER   |  | DATE CONSIDERED | 5/13/05 |
| *EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |                 |         |